

RESPONSE TO RESTRICTION and
AMENDMENT

Attorney Docket No.: Q90361

U.S. Application No.: 10/550,272

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (withdrawn) A use of pinitol or chiroinositol for protecting the liver in a mammal.
2. (withdrawn) The use of claim 1, wherein pinitol or chiroinositol enhances superoxide dismutase (SOD) activity.
3. (withdrawn) The use of claim 1, wherein pinitol or chiroinositol increases the glutathione level in the liver.
4. (withdrawn) The use of claim 1, wherein the mammal is human.
5. (withdrawn) The use of claim 1, wherein pinitol or chiroinositol is administered to the mammal in the form of a composition containing same, said composition being selected from the group consisting of a pharmaceutical composition, a food composition and a beverage composition.

RESPONSE TO RESTRICTION and
AMENDMENT

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U.S. Application No.: 10/550,272

6. (withdrawn) A use of an extract of a plant containing pinitol or chiroinositol for protecting the liver in a mammal.

7. (withdrawn) The use of claim 6, wherein the plant extract containing pinitol or chiroinositol enhances superoxide dismutase (SOD) activity.

8. (withdrawn) The use of claim 6, wherein the plant extract containing increases the glutathione level in the liver.

9. (withdrawn) The use of claim 6, wherein the mammal is human.

10. (withdrawn) The use of claim 6, wherein the plant is selected from the group consisted of soybean, pine, Hovenia dulcis Thunb, Acanthopanax senticosus and carob.

11. (withdrawn) The use of claim 6, wherein the plant extract is a water extract or an organic solvent extract.

12. (withdrawn) The use of claim 11, wherein the plant extract is prepared by adding 5 to 15-fold volume of water to a plant powder; extracting at 10 to 80 °C. for 1 to 24 hours; and filtering the extract thus obtained.

RESPONSE TO RESTRICTION and
AMENDMENT

Attorney Docket No.: Q90361

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13. (withdrawn) The use of claim 6, wherein the plant extract containing pinitol or chiroinositol is administered to the mammal in the form of a composition containing same, said composition being selected from the group consisting of: a pharmaceutical composition, a food composition and a beverage composition.

14. (Original) A method for preventing or treating a liver disease in a mammal, which comprises administering an effective amount of pinitol, chiroinositol or an extract of a plant containing pinitol or chiroinositol thereto.

15. (Original) The method of claim 14, wherein the effective amount of pinitol or chiroinositol is 0.1 to 100 mg/kg body weight/day.

16. (New) The method of claim 14, wherein pinitol, chiroinositol or the plant extract containing pinitol or chiroinositol enhances superoxide dismutase (SOD) activity.

17. (New) The method of claim 14, wherein pinitol, chiroinositol or the plant extract containing pinitol or chiroinositol increases the glutathione level in the liver.

18. (New) The method of claim 14, wherein the mammal is human.

RESPONSE TO RESTRICTION and
AMENDMENT

Attorney Docket No.: Q90361

U.S. Application No.: 10/550,272

19. (New) The method of claim 14, wherein pinitol, chiroinositol or the plant extract containing pinitol or chiroinositol is administered to the mammal in the form of a composition containing same, said composition being selected from the group consisting of: a pharmaceutical composition, a food composition and a beverage composition.

20. (New) The method of claim 14, wherein the plant is selected from the group consisted of soybean, pine, *Hovenia dulcis* Thunb, *Acanthopanax senticosus* and carob.

21. (New) The method of claim 14, wherein the plant extract is a water extract or an organic solvent extract.

22. (New) The method of claim 21, wherein the plant extract is prepared by adding 5 to 15-fold volume of water to a plant powder; extracting at 10 to 80°C for 1 to 24 hours; and filtering the extract thus obtained.